D26-10

Rec 4-30-'63

D13-17

SPECIAL DESIGN

D13-17

# AKRON PORCELAIN

UNGLAZED WHITE PORCELAIN

UNGLAZED GRAY PORCELAIN

GLAZED PORCELAIN

COMMUN-ICATION PORCELAIN

REFRACTORY PORCELAIN

# PORCELAIN

## ★ ★ ★ THE IDEAL INSULATING MATERIAL

PORCELAIN is one of the oldest and best forms of electrical insulation. It will not rust, rot, corrode or disintegrate. PORCELAIN is unaffected by most acids, and it is one of the very few insulating materials that will withstand arcing and thermal shock.

PORCELAIN is also a modern form of insulation. Its advantages have been multiplied; its electrical and mechanical properties have been "stepped-up" to meet the more stringent demands of industry. Long experience and up-to-the-minute equipment gives us better manufacturing control. We can meet your individual requirements.

PORCELAIN is economical insulation, not only because of its durability, but its initial cost. Dies or molds to produce PORCELAIN PARTS are also comparatively low in cost.

PORCELAIN in various shapes and sizes can be produced by the dry-press method. We show here a few Akron Porcelain pieces. If you need such electrical insulation in connection with your product, possibly we can help in the design or in the selection of the correct type of PORCELAIN. We would like to try.


## THE AKRON PORCELAIN CO.

AKRON, OHIO


### UNGLAZED WHITE PORCELAIN

The insulating block, in many electrical devices is not seen and does not contact moisture. White unglazed PORCELAIN is often used for this purpose, for such items as switch bases, resistor and rheostat blocks, terminal blocks, etc.

The PORCELAIN must be comparatively strong, well formed, and close to blue print measurements.

### UNGLAZED GRAY PORCELAIN

Gray unglazed PORCELAIN is used for the same purpose as white unglazed pieces. Its mechanical and electrical properties are the same.

The advantage of the gray color is that it will not so readily show finger marks or soiled spots that sometimes occur in the assembly operations.

### GLAZED PORCELAIN

Where the PORCELAIN piece is used in the open, or part of it is exposed in the customer's completed electrical device, or where the surface must be impervious to moisture, the piece is glazed. The white PORCELAIN is generally glazed white and the gray PORCELAIN glazed black.

This panel pictures only a few of the many glazed PORCELAIN pieces produced in the Akron Porcelain Company kilns.

### COMMUNICATION PORCELAIN

Communication engineers recognize PORCELAIN as an ideal insulation for telephone, telegraph and railway signal apparatus.

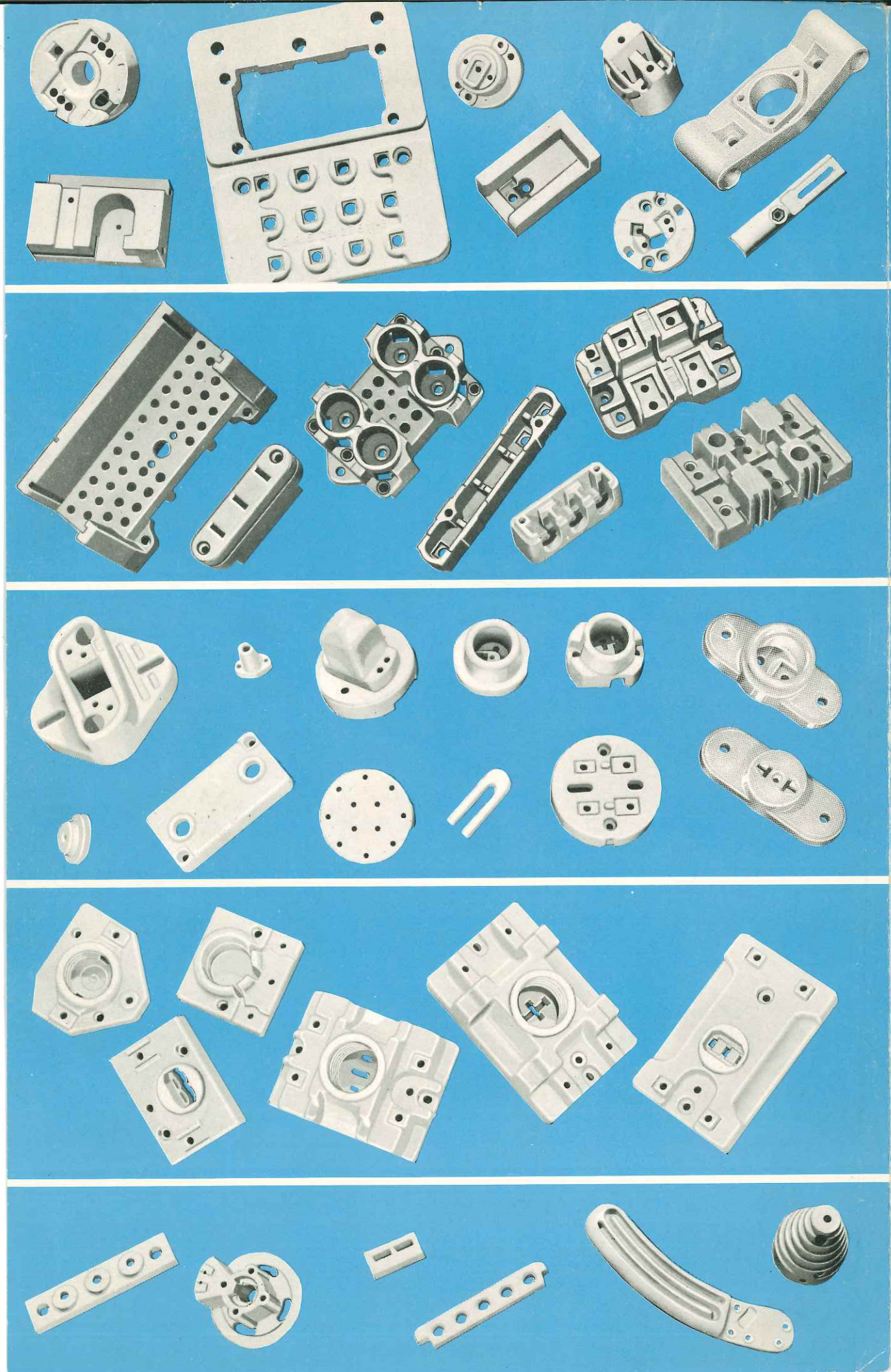
This PORCELAIN must be close to measurement, strong enough to withstand strenuous assembly operations, and have a very low moisture absorption when submerged in water.

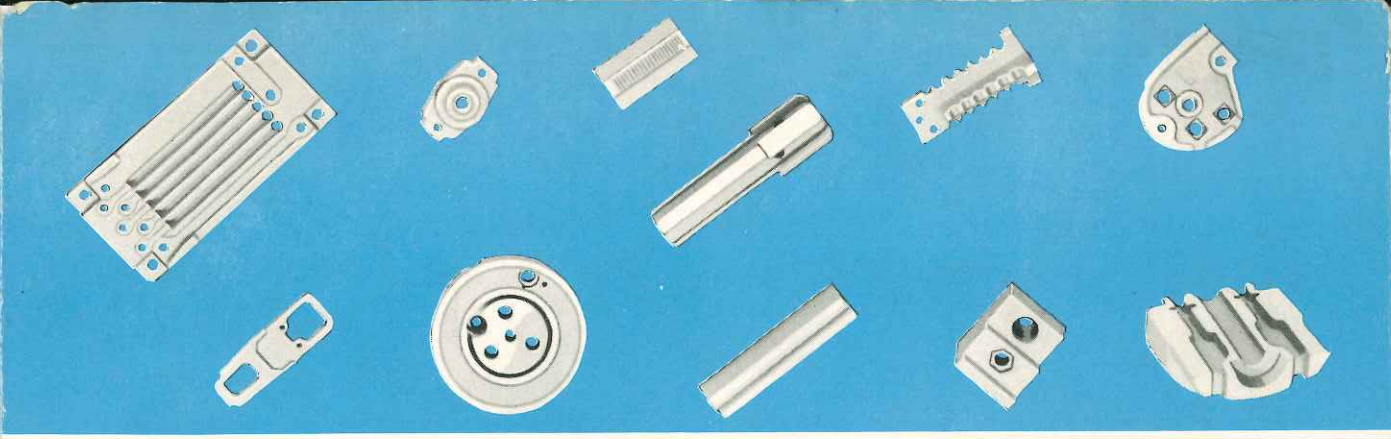
Absolute control in processing is necessary to meet these requirements.

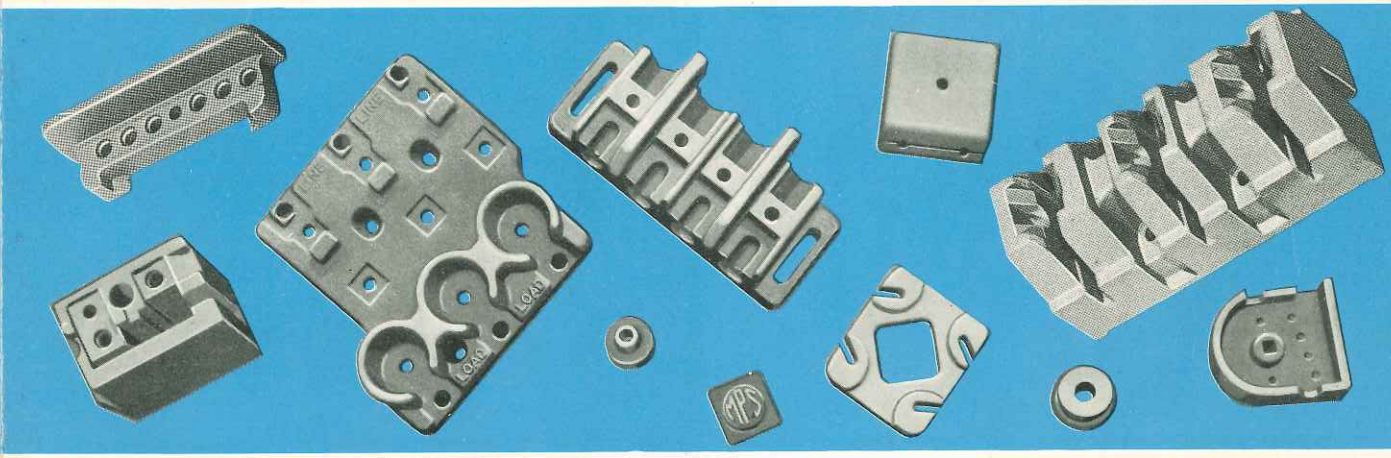
### REFRACTORY PORCELAIN

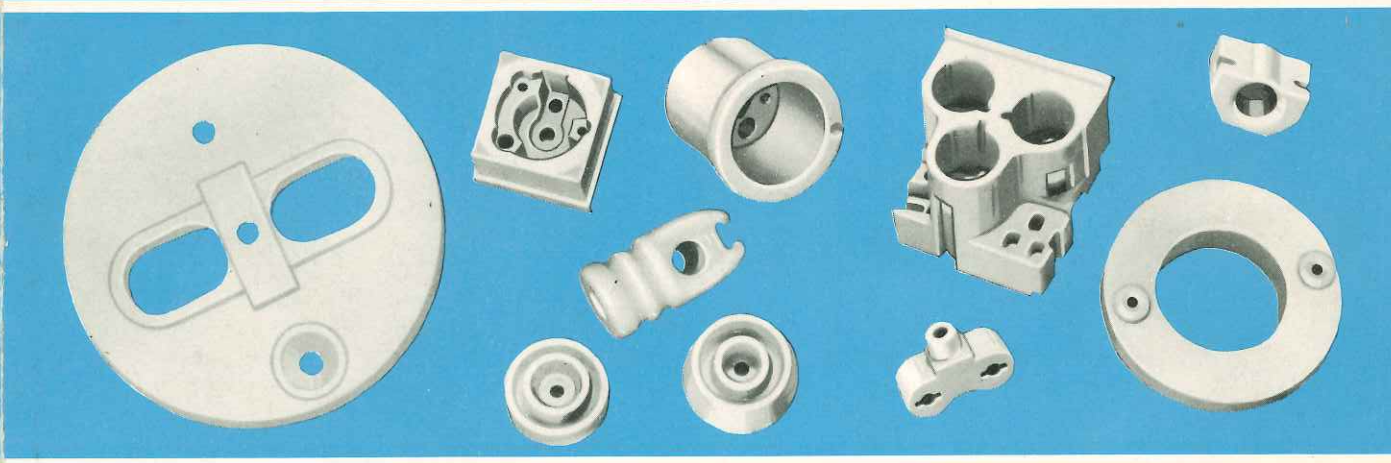
This is a heat resisting insulation. It is more porous than white vitreous porcelain; will withstand rapid changes of temperature and thermal shock. It is used in the manufacture of electric stoves, broilers, ovens and other types of heaters.

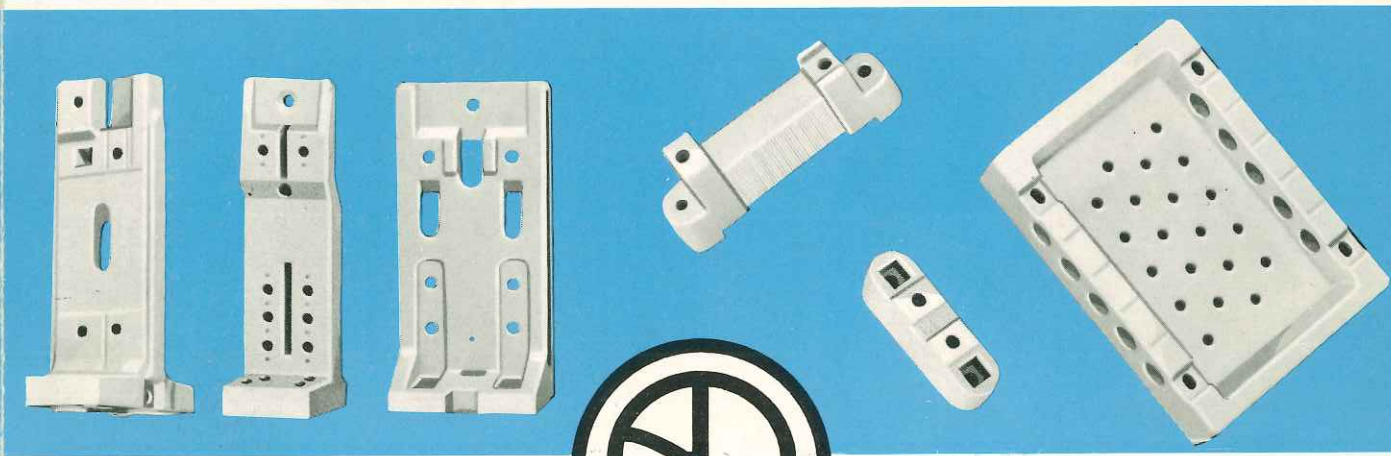
Litho. in U.S.A.





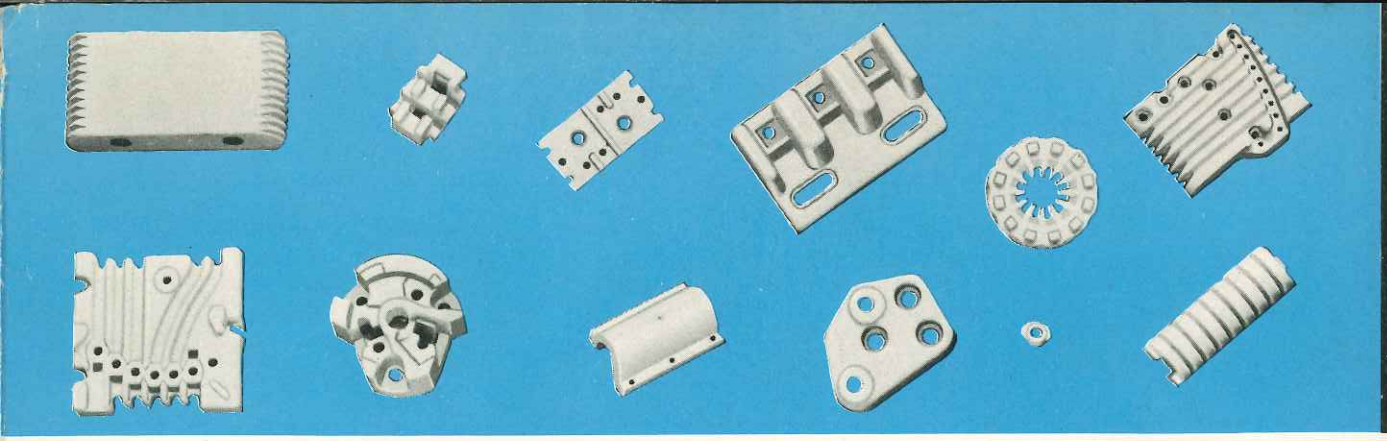




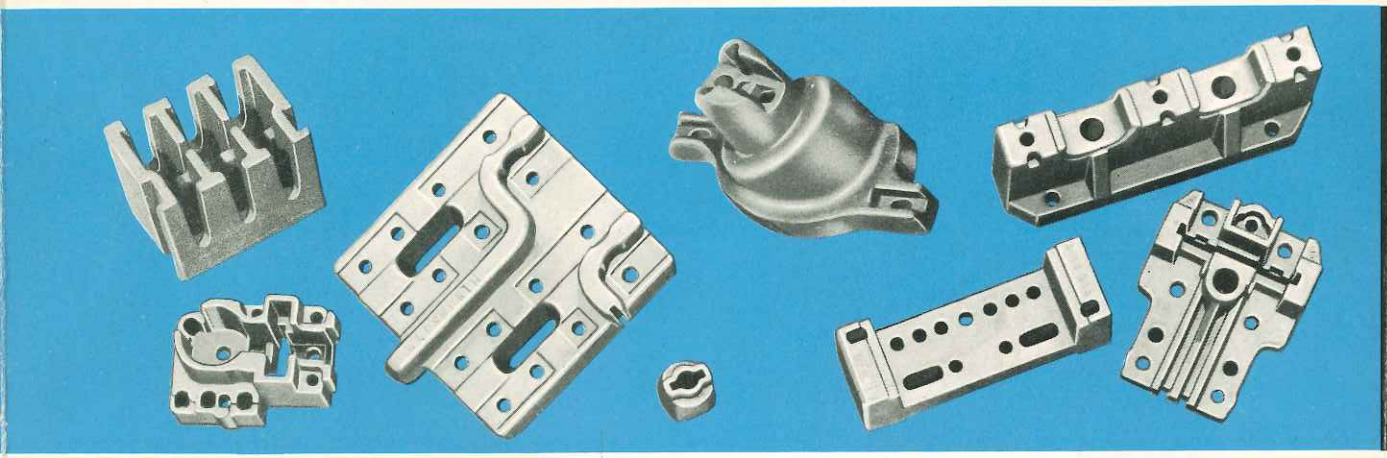


# THE AKRON PORCELAIN COMPANY

## AKRON, OHIO

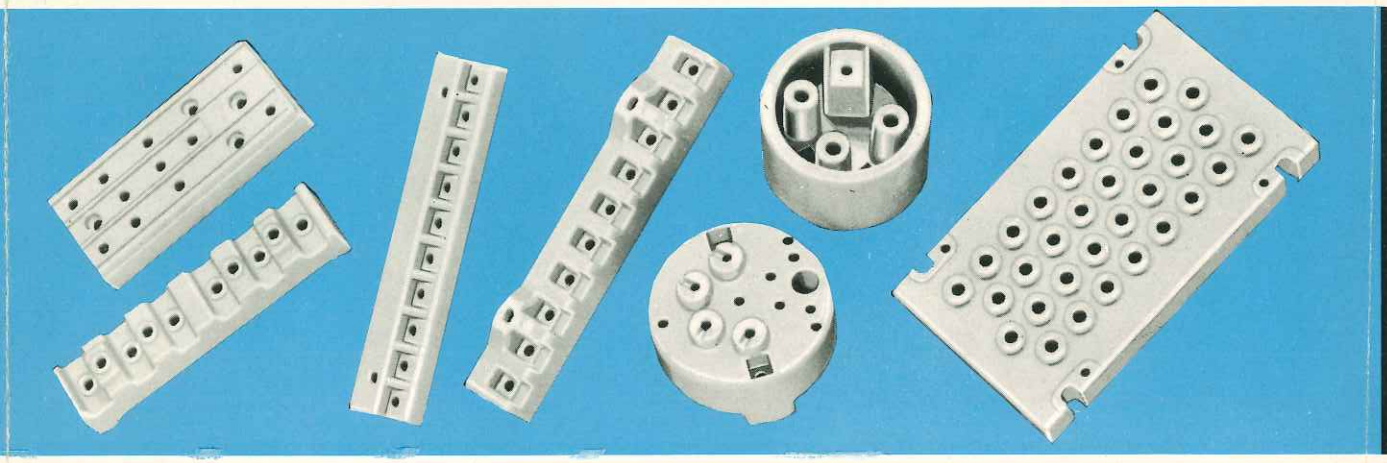


## UNGLAZED WHITE PORCELAIN

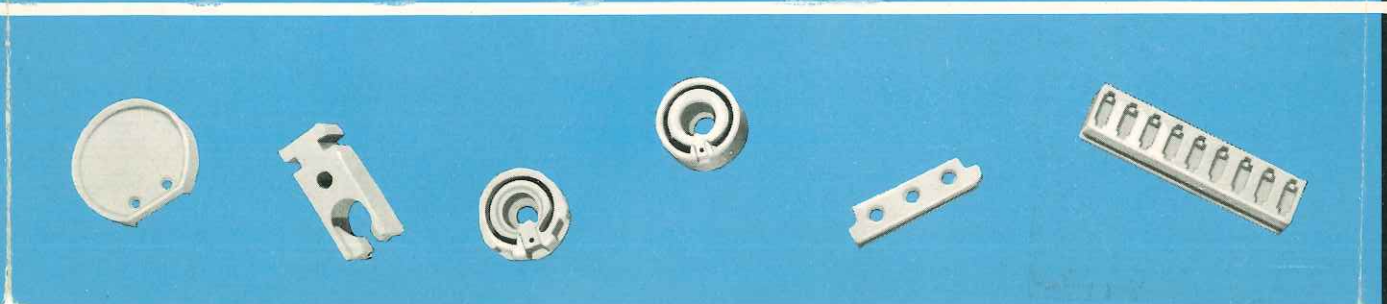


## UNGLAZED GRAY PORCELAIN

## GLAZED PORCELAIN



## COMMUN-ICATION PORCELAIN



## REFRACTORY PORCELAIN

# MORE THAN HALF A CENTURY OF EXPERIENCE

The "know-how" that only experience gives, is the heritage of every piece of AKRON porcelain—fifty years of practical experience in manufacturing quality porcelain to rigid specifications.

Manufacturing facilities are modern. The Akron Porcelain plant is one of the newest and best equipped in the industry. Quality and accuracy are assured with its modern, controlled equipment.

If you want help in designing your SPECIAL PORCELAIN parts, or in selecting the correct type of porcelain, our engineers and facilities are available. Send us your specifications, blue prints or samples for our suggestions and estimates. You are not obligated, and we may be able to show you worthwhile savings.

## THE AKRON PORCELAIN COMPANY

**AKRON, OHIO**